

Gary Development Landfill Site
Measurement Method for Background Samples to Probable Point of Entry

- **Measurement Method:**

Using GIS software, ESRI® ArcMap™ 9.3 (Build 1850) with License Type: ArcView, the distance from four background samples to the Probable Point of Entry (PPE) for Gary Development Landfill was measured using ArcMap. The Measure tool (Line Measurement option) was used in ArcMap to measure the respective segments between points.

The different segments measured as follows:

SDA1 to PPE: 8,115 feet

SDB1 to PPE: 7,124 feet

SDC1 to PPE: 3,536 feet

SDD1 to PPE: 1,930 feet

- **Reference Datum:**

- Datum: D_North_American_1983
- Geographic Coordinate System: GCS_North_American_1983
- Prime Meridian: Greenwich
- Angular Unit: Degree

- **Source Map Scale:**

- 1:7,500

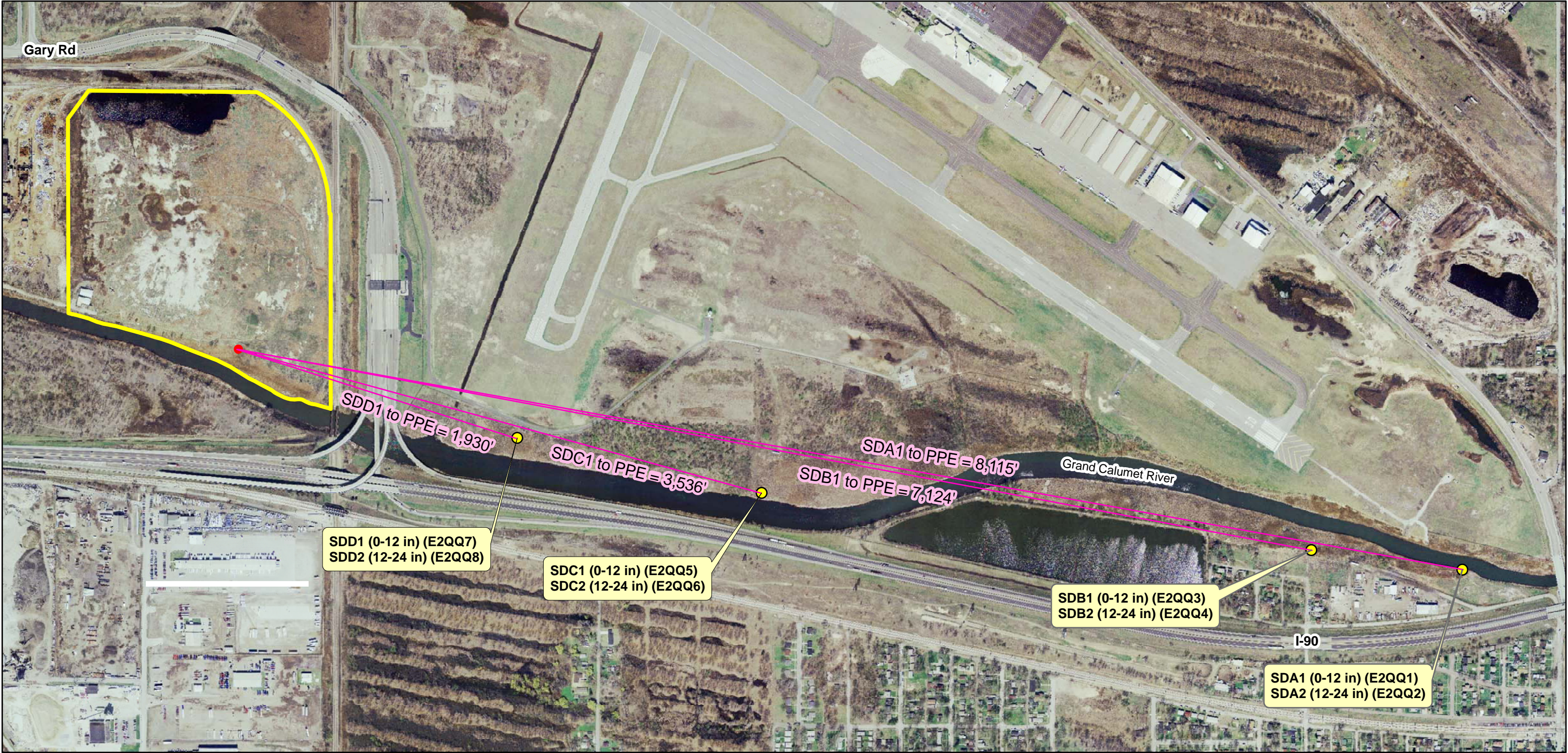
- **Point / Line / Area:**

- Line(s)

- **Data Collection Date:**

- 12-6-2010

Background Sediment Sample Location with Measurement to PPE, Gary Development Landfill
Gary, Lake County, Indiana (U.S. EPA ID: IND077005916)



Sources:
Non Orthophotography Data
- Obtained from the State of Indiana Geographic Information Office Library
- Sediment samples collected May 5, 2009
Orthophotography - Obtained from IndianaMap Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.
Mapped By: Mike Hill, Office of Land Quality
Date: 12/6/2010



- Probable Point of Entry (PPE) - 1989
- Background Sample Locations with Sample Numbers
- Gary Development Landfill Boundary

